CR Number:	4795
External Reference:	SAFER CR 1429
Category:	XML subscription enhancement
Component:	SAFER
Synopsis:	States request a capability for a state to select to receive the most recent record or all records for a given VIN, via the subscription process.
Status:	Approved
Disposition:	[2007-07-26] Not voted on. Approved by FMCSA for SAFER 7.3.
Description:	Background:

The SAFER subscription capability allows states to filter on certain fields, thus restricting the data that they receive. Subscription service currently exists for T0028 V2 (IRP Registration (Cab Card) Output Transaction) and T0031 (MCMIS Safety & Census Update Output Transaction).

With the SAFER 5.1 Release, the SAFER VIN table has been restructured to prevent data from being overwritten. This means the SAFER database may contain multiple records for the same VIN.

Change Request:
At the November 2006 ACCB meeting, states requested that a filter be implemented for all output transactions to give states the option of receiving only the most recent registration record for a given VIN or all registration records for a given VIN. This will support SAFER CRs 50 and 1386 (Architecture CRs 2562 "Request to review SAFER business rule regarding multiple VINs" and 4788 "Transfer of Vehicle License Plate"). (NOTE: Architecture CR 2562/SAFER CR 1386 was disapproved 2006-12.)

[2006-12-18] Discussed at the 12/14/06 ACCB meeting.
States on the call supported recommending for FMCSA approval. Will be posted to the listserv for 30-day review.

[2007-01-18] Discussed at the 1/18/07 ACCB meeting.
APL and Volpe will reword the CR and repost to the listserv for another 30-day comment period.

[2007-02-12] Correction
The discussion at the 1/18/07 ACCB meeting centered on the meaning of "most recent record", "most recent registration record", and on how states would use this information.

Gary DeRusha noted that this CR was meant to grandfather the current behavior, i.e., provide that a state may choose to receive only one registration record for a given VIN and state. However, since the SAFER VIN table has been restructured (SAFER Release 5.1), records are not overwritten, and it is possible for more than one registration record to exist for a given VIN and state. This CR was intended to address multiple registration records for a given VIN within a state.

It was proposed that the REGISTRATION_START_DATE in the SAFER VIN table be the field that determines the "most recent registration record". It was also proposed that a state be able to filter on any one of the following options:
a. Retrieve the most recent registration record for which STATUS = "Active"
b. Retrieve the most recent registration record regardless of STATUS value
c. Retrieve the most recent registration record for which STATUS = "Active", but if no such record exists, then retrieve the most recent registration record for which STATUS = "Inactive"

Users did not agree on the definition of "most recent record". States were not in agreement what the rule should be if there are registrations from more than one jurisdiction. This discussion is still

open.

[2007-05-17] Update to SAFER 1429 analysis presented at 2007-05-17 CVISN ACCB meeting: "There is an existing filter called "Duplicates" for the T0028V2 transaction. Selection of "Duplicates" will allow the state to receive all records. De-selecting this option means the state will only receive one registration record per VIN.

The SAFER development team will need to analyze whether the "Duplicates" filter can be enhanced to retrieve the latest registration record. If not, a new filter will be created to support the future business rule changes in the T0022 transaction."

[2007-07-26] Not voted on. Approved by FMCSA for SAFER 7.3.

Further discussion with the CVISN stakeholders has determined that the subscription page shall provide the following selections:
1. Filter to receive the most recent record determined by Last_Update_Date
2. Filter to receive the most recent registration record determined by the Registration_Start_Date.

With the combination of using the IRP_Status_Code filter, the user shall be able to select the most recent active registration data.

Fix:	
Comment:	
Attachment names:	
Responsibility:	Salazar Sandra B
Modified Time:	7/27/2007 4:07:08 PM
Modified By:	Salazar Sandra B
Entered On:	12/8/2006 1:31:11 PM
Entered By:	Salazar Sandra B
Severity:	Medium
Priority:	No
Type:	Enhancement
Closed On:	